

## METHOD AND APPARATUS FOR MULTI-STAGE DATA FILTERING BY A SINGLE DEVICE

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
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 US5606668  
 US5404505  
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### Abstract of WO9928838

A system for filtering data in multiple stages at a single location without exposing private information to untrusted servers includes receiving identifying information corresponding to a first set of data, at a first device (10), from a second device (14). The first set of data (22) is filtered based on both the first filter criteria (18) and an identifier information, in order to identify a first set of filtered data (22). Subsequence to the filtering of the first set of data (22), the first set of filtered data (22) is received from the second device (14). The first set of filtered data (22) is then filtering based on a second filter criteria (24), wherein the filtering of the first set of filtered data (22) generates a second set of filtered data (30), and wherein the second filter criteria (26) is different from the first filter criteria (18).

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